Catalog of Plant Seeds
from
Pribilof Islands, Alaska.
1912 - 1914.

Collected by
Alvin G. Whitney
Elsie G. Whitney.

1	Sept. 5, 1912 St. Paul Id. → Rubus chamaemorus (Same as Nos. 42 and 52).	Remarks. Ripe fruit, dried. From plants among rocks at Kamminista and lava plain near by, where they are most abundant, along with Empetrum. (This locality is the breeding ground of the Snow Buntings and a favorite haunt of Leucosticte and Pribilof Sandpipers. Golden Plovers and Redpolls found here in the Fall).
2	Fall, 1912. St. Paul Id. Corydalis pauciflora	
3	Fall, 1912. St. Paul Id. Cochlearia officinalis!	Blossoms & fruit on same plant. Seeds perhaps immature.
4	Fall, 1912. St. Paul Id. Pedicularis <u>verticillata</u>	

5 Fall, 1912. St. Paul Id.
Polemonium acutifolium

6 Fall, 1912. St. Paul Id.
Cochlearia officinalis

7 Autumn, 1912. St Paul Id.
Miscellaneous seeds, including
Viola langsdorfii; Mertensia
maritima; Pedicularis;
Primula eximia; Cochlearia; etc.

8 → Fall, 1912. St. Paul Id.
Papaver macounii

9 → Fall, 1912. St. Paul Id.
Primula eximia

10 Fall, 1912 St. Paul Id.
Lupinus nootkatensis.

11 Fall, 1912 St. Paul Id.
Gentiana frigida

Among rocks in Kamminista ravine.

12 Fall, 1912 St. Paul Id.
Potentilla fragiformis var. villosa ~~Willd~~ Pall.

13 Fall, 1912 St. Paul Id.
Lychnis apetala var. glabra

14 Fall, 1912. St. Paul Id.
Aconitum delphinifolium
Valeriana capitata
Pedicularis ______
Artemisia ______

15 Fall, 1912. St. Paul Id.
Coelopleurum gmelini

Called "pootchka" by the natives. A staple food of Snowflakes & Leucostictes during winter when most plants are snow-covered.

16 Fall, 1912. St. Paul Id.
Polemonium acutifolium
+ Geum rossi

17 Nov. 1912. St. Paul Id. → North slope, Bogoslov Hill.
Gentiana tenella.

18 Nov. 1912. St. Paul Id → South slope, Bogoslov Hill.
Valeriana capitata? Some plants in sheltered sit-
uation still in flower.

19 Mar. 23, 1913. St. Paul Id. → Washed up in masses on
Arenaria peploides shores of temporary pond back
of English Bay beach, where the
plants were abundant on the
sand flat. This species seeds
abundantly & the seed is often found
in piles in little hollows among the dunes
during the winter.

20 →
Spring, 1913. St. Paul Id.
Sagina linnaei

21 June 22, 1913. St. Paul Id.
Salix ______

→ Plants in catkin stage, from flat North of Telegraph Hill. Leaves already somewhat eaten by larvae; galls partly developed. The catkins all contained very small orange-colored larvae, (See slide No. __ for specimens of these orange-colored larvae), not in the tissues, but lying between the seed-vessels.

22 June 28, 1913. St. Paul Id.
Glyceria angustata.

→ Commonly called "Seal grass" because found abundantly on & near all the seal rookeries.

Redpolls were feeding on this specimen's seeds, as yet scarcely ripe.

23. July 16, 1913. St. Paul Id.
Parnassia kotzebuei

→ Collected back of Polovina Rookery on flat, where it is common. Seeds not mature at this date. Plant kept in laboratory until July 26 when seeds were fully ripe. This species found only at a few localities on St. Paul.

24 July 31, 1913. St. George Id.
Eriophorum ~~vaginatum~~ ?
angustifolium.

25 July 10, 1913. St. Paul Id.
Montia fontana

26 Summer, 1913 St. Paul Id.
Viola palustris

27 Summer, 1913. St. Paul Id.
Salix ________

28 Summer 1913. St. Paul Id.
Gentiana frigida

29 Summer, 1913. St. Paul Id.
Cochlearia officinalis

Lowland meadow near village.

Margin of small pond (Lake 44) near Kamminista.

30 Late Summer 1913. St. Paul Id.
Gentiana glauca

Slope above Tolstoi Hill hauling ground.

31 Aug. 19, 1913. St. Paul Id.
~~Sagina ?~~
~~Probably Gymnandra gmelini~~
Stellaria boralis

From meadow by Village Pond. Common in damp grassy situations, in beds.

32 Aug. 1, 1913. St. Paul Id.
Veronica serpyllifolia

Near village wells.
Flowers & mature & immature seed on same plant.

33 Sept. 1, 1913. St. Paul Id.
Stellaria media

Meadow near Village Pond

34 Aug. 6, 1913. St. Paul Id.
Stellaria boralis

From dry soil on flat close to edge of Cliffs at Polovina Rookery. Seed scarcely mature at this date.

35 Aug. 11, 1913. St. Paul Id.
Sibbaldia procumbens

→ From level grass ground just above Little Zapadni Rookery.

36 Aug. 19, 1913. St. Paul Id.
Mertensia maritima

→ Sandy beach near Zapadni Reef Rookery.

37 Aug. 19, 1913. St. Paul Id.
Stellaria media

→ Meadow near Village Pond.
(Same as No. 33?)
Seeds dark-gray color when fully ripe.

38 Summer, 1913. St. Paul Id.
Epilobium clavatum

39 Sept. 1, 1913. St. Paul Id.
Stellaria media
& Montia fontana?

→ Meadow near Village Pond.

40 Sept. 6, 1913. St. Paul Id.
Streptopus amplexifolius

From a gully near Kamminista.
Leaves already killed by first frost, Sep. 5.
Color of berries: light red.

41 Sept. 11, 1913. St. Paul Id.
Primula eximia

→ Damp hollow between Black Bluffs Hill and Kitovi.

42 Sept. 6, 1913. St. Paul Id.
Rubus chamaemorus

→ "Salmon-berries" from Kamminista. Berries yellow and pink. Leaves purple at this date. About half of berries soft & tasted like frozen cranberries, — perhaps due to frost of night before. The rest taste like green blackberries. No evidence that any birds feed on them at this season.
(Same as Nos. 1 and 52).

43 Oct. 19, 1913. St. Paul Id.
Empetrum nigrum

→ Dry plain between Polovina Hill and Lake Hill. From very low bushes (only 1 inch high) among Cladonia rangiferina and mosses, — an unusually dry & unfavorable situation.
Empetrum is common on moist tundra and in moss "bogs," and doubtless its berries are eaten by several species of birds.

44	Oct. 19, 1913. St. Paul Id. Silene acaulis L.	→ Dry plain between Polovina Hill and Lake Hill, where the species is very common.
45	Oct. 1913. St. Paul Id. ~~Sibbaldia procumbens?~~ Potentilla fragiformis Willd. var villosa Pall.	Near Little Zapadni Rookery.
46	Oct. 19, 1913 St. Paul Id. Cochlearia officinalis	Plain between Polovina Hill and Lake Hill.
47	Oct. 19, 1913. St. Paul Id. Geum rossii	Grassy run on north slope of Bogoslof Hill. Many rosy finches were feeding on the seeds of these plants.
48	Oct. 1913. St. Paul Id. Epilobium clavatum	Slope near Icehouse Lake.
49	Oct. 19, 1913. St. Paul Id. Aster sibiricus	Sandy ryegrass area between Telegraph Hill and Tolstoi sand dunes.

50 Oct. 1913. St Paul Id. S. Slope of Telegraph Hill.
? Gynandra gmelini

51 Early October, 1913. St Paul Id. Lukanin Hill to Village wells.
Lupinus nootkatensis.

52 Oct. 19, 1913. St Paul Id. Salmon-berries from Kamminista, dried at Laboratory.
Rubus chamaemorus (Same as Nos. 1 and 42).

53 Oct. 1913. St. Paul Id. Near Kamminista, on lava field.
Eritrichium chammisonis.

54 Oct. 19, 1913. St. Paul Id. Berries dried at laboratory.
Empetrum nigrum

55. Fall, 1913 St Paul Id. One plant, in seed from top of Village Hill.
Gentiana glauca

56 Fall, 1913. St Paul Id.
Polygonum viviparum

Growing on Sphagnum or Racomitrium bog on South shore of Lake Antone.

57 Fall, 1913. St Paul Id.
Carex incurva Lightf.

Low sandy grass ground, east side of Salt Lagoon.

58 Fall, 1913. St Paul Id.
Potentilla palustris

On flat just above Little Zapadni Rookery.

59 Fall, 1913 St. Paul Id.
Lychnis apetala L. var glabra Regel

Plateau on Tolstoi Hill.

60 Fall, 1913. St. Paul Id.
Polemonium caeruleum L.

61 Winter, 1913-14. St Paul Id
Coelopleurum gmelini

A "pootchka" stalk that projected above the snow, showing how the seed persists and is available for the birds through the winter.

62 June 29, 1914. St. Paul I.
Polemonium acutifolium

Summer, 1914. St. Paul Id.
63 Viola langsdorfii

64 Summer 1914 St. Paul Id.
Miscellaneous seeds, including Viola langsdorfii; etc.

Arnica macrocarpa

→ From a seed stalk matured last year, showing how the seed persists and may be easily found by the birds thru the winter.